

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A nucleic acid fragment ~~for the diagnosis of maturity onset diabetes of the young (MODY) or the risk of MODY in humans~~ comprising a polymorphic site of SEQ ID NO: 1 having adenine (A) at position 1699, ~~or a polymorphic site of SEQ ID NO: 3 having thymine (T) at position 29~~, and comprising more than ~~10-23~~ contiguous nucleotides derived from nucleotide sequence set forth in SEQ ID NO: 1-~~or 3~~, or a complement thereof,
wherein the nucleic acid fragment is for the diagnosis of maturity onset diabetes of the young (MODY) or the risk of MODY in ethnic Korean humans.
2. (Currently Amended) The nucleic acid fragment of claim 1, wherein the nucleic acid fragment comprises ~~10-23~~ to 100 contiguous nucleotides, or a complement thereof.
3. (Original) An allele-specific oligonucleotide hybridizing to the nucleic acid fragment of claim 1 or a complement thereof.
4. (Original) The allele-specific oligonucleotide of claim 3, wherein the oligonucleotide is a probe.
5. (Original) The allele-specific oligonucleotide of claim 3, wherein the oligonucleotide is a primer.
6. (Original) The allele-specific oligonucleotide of claim 5, wherein the 3' end of the primer is arranged with the polymorphic site of the nucleic acid fragment.
7. -12. (Canceled)